

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101123\  
 Data File : BN028260.D  
 Acq On : 12 Oct 2023 08:51  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Oct 12 09:18:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN100223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 12 06:39:06 2023  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|         | Compound                   | AvgRF | CCRF  | %Dev    | Area% | Dev(min) |
|---------|----------------------------|-------|-------|---------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0     | 65    | -0.04    |
| 2       | 1,4-Dioxane                | 0.449 | 0.431 | 4.0     | 61    | -0.03    |
| 3       | n-Nitrosodimethylamine     | 0.514 | 0.494 | 3.9     | 62    | -0.03    |
| 4 S     | 2-Fluorophenol             | 1.193 | 1.128 | 5.4     | 66    | -0.03    |
| 5 S     | Phenol-d6                  | 1.506 | 1.571 | -4.3    | 74    | -0.02    |
| 6       | bis(2-Chloroethyl)ether    | 1.212 | 1.147 | 5.4     | 61    | -0.04    |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0     | 68    | -0.03    |
| 8 S     | Nitrobenzene-d5            | 0.340 | 0.325 | 4.4     | 68    | -0.03    |
| 9       | Naphthalene                | 1.034 | 1.032 | 0.2     | 68    | -0.04    |
| 10      | Hexachlorobutadiene        | 0.184 | 0.178 | 3.3     | 66    | -0.04    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.593 | 0.586 | 1.2     | 68    | -0.03    |
| 12      | 2-Methylnaphthalene        | 0.723 | 0.740 | -2.4    | 69    | -0.03    |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0     | 68    | -0.03    |
| 14 S    | 2,4,6-Tribromophenol       | 0.183 | 0.196 | -7.1    | 77    | -0.02    |
| 15 S    | 2-Fluorobiphenyl           | 1.442 | 1.338 | 7.2     | 64    | -0.03    |
| 16      | Acenaphthylene             | 1.772 | 5.366 | -202.8# | 206#  | -0.03    |
| 17      | Acenaphthene               | 1.130 | 1.596 | -41.2#  | 94    | -0.02    |
| 18      | Fluorene                   | 1.467 | 1.936 | -32.0#  | 87    | -0.04    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0     | 71    | -0.02    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.053 | 0.005 | 90.6#   | 9#    | 1.03#    |
| 21      | 4-Bromophenyl-phenylether  | 0.209 | 0.202 | 3.3     | 68    | -0.02    |
| 22      | Hexachlorobenzene          | 0.219 | 0.219 | 0.0     | 68    | -0.01    |
| 23      | Atrazine                   | 0.182 | 0.174 | 4.4     | 67    | -0.02    |
| 24      | Pentachlorophenol          | 0.103 | 0.083 | 19.4    | 66    | -0.01    |
| 25      | Phenanthrene               | 1.078 | 1.166 | -8.2    | 76    | -0.02    |
| 26      | Anthracene                 | 1.019 | 1.121 | -10.0   | 77    | -0.02    |
| 27 SURR | Fluoranthene-d10           | 1.005 | 1.083 | -7.8    | 72    | -0.02    |
| 28      | Fluoranthene               | 1.245 | 1.496 | -20.2   | 81    | -0.02    |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0     | 71    | 0.00     |
| 30      | Pyrene                     | 1.467 | 1.725 | -17.6   | 85    | -0.02    |
| 31 S    | Terphenyl-d14              | 0.933 | 0.905 | 3.0     | 73    | -0.02    |
| 32      | Benzo(a)anthracene         | 1.361 | 1.543 | -13.4   | 78    | 0.00     |
| 33      | Chrysene                   | 1.312 | 1.397 | -6.5    | 74    | -0.02    |
| 34      | Bis(2-ethylhexyl)phthalate | 0.895 | 1.247 | -39.3#  | 96    | -0.02    |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0     | 78    | -0.02    |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.345 | 1.475 | -9.7    | 93    | -0.02    |
| 37      | Benzo(b)fluoranthene       | 1.292 | 1.314 | -1.7    | 79    | -0.01    |
| 38      | Benzo(k)fluoranthene       | 1.310 | 1.290 | 1.5     | 76    | -0.02    |
| 39 C    | Benzo(a)pyrene             | 1.222 | 1.305 | -6.8    | 84    | -0.02    |
| 40      | Dibenzo(a,h)anthracene     | 1.101 | 1.188 | -7.9    | 91    | -0.02    |
| 41      | Benzo(g,h,i)perylene       | 1.130 | 1.272 | -12.6   | 97    | -0.02    |

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

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BNA\_N  
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SSTDCCC0.4